

Memo

To: NWP File Room

From: Kathy Conaway *KAC*

CC: Steve Skurla

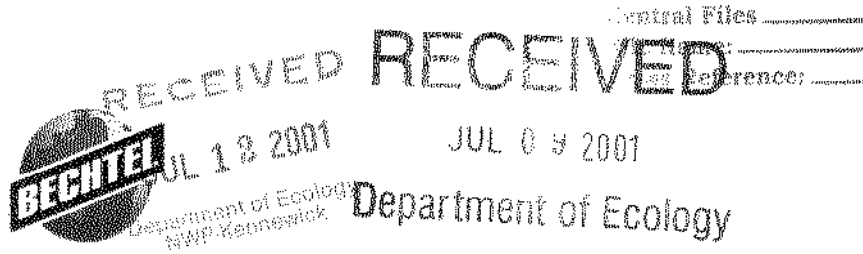
Date: 08/09/01

Re: Waste Treatment Plant Project Application for Coverage- Sand and Gravel
General Permits for Concrete Batch Plant and Aggregate Activities WAG 50-5181
and WAG 50- 5180

Two applications for general permit coverage were received by Ecology from Bechtel National Inc. July 3, 2001. Ecology reviewed the two applications and noted several minor deficiencies and/or incomplete information, also minor. Ecology discussed these deficiencies/incompleteness with Bechtel representatives and they agreed to the changes. On August 9, 2001 at the NWP, Kennewick office, Bechtel made these changes to the original application. Note that these changes were made using a green pen, initialed and dated by Kathy Conaway.

Ecology sent a letter to Bechtel (Mr. Ronald Naventi, 8/2/01) acknowledging application and public notice requirements.

Site maps will need updating once both operations are active and operating.



Mr. Michael A. Wilson, Program Manager
Nuclear Waste Program
State of Washington Department of Ecology
P. O. Box 47600
Olympia, Washington 98505

CCN: 021147

JUL 02 2001

Dear Mr. Wilson

**CONTRACT NO. DE-AC27-01RV14136 – WASTE TREATMENT PLANT PROJECT
APPLICATION FOR COVERAGE – SAND AND GRAVEL GENERAL PERMITS FOR
CONCRETE BATCH PLANT AND AGGREGATE ACTIVITIES**

Attached are copies of two sand and gravel general permit applications for the River Protection Project – Waste Treatment Plant (RPP-WTP). The applications are being submitted to the State of Washington Department of Ecology pursuant to Washington Administrative Code 173-226, 200, and 201A.

The first application is intended to address aggregate washing activities that will be conducted in the vicinity of Pit 30 on the Hanford Site (Attachment 1). The second application addresses the concrete batch plant discharges (Attachment 2). The operation of the aggregate quarry and batch plant will provide concrete for construction of the RPP-WTP. Our staff has been coordinating these applications with Ms. Kathy Conway of your Kennewick office.

If you should have any questions or comments, please contact Mr. Ellery Savage at (509) 371-4862.

Very truly yours,

R. F. Naventi
Project Manager

MP/es

Attachments: 1) Pit 30 Aggregate Wash Discharge Application
2) WTP Batch Plant Discharge Application

cc

Barrett, MK w/a	DOE/ORP	H6-60
Beranek, F w/a	RPP-WTP	P135
Bowser, DW w/a	DOE/ORP	H6-60
Conway, K w/a	ECOLOGY	B5-18
Erlandson, BG w/a	RPP-WTP	N120
McKenney, J w/a	RPP-WTP	ETC-2/241
Naventi, RF w/o	RPP-WTP	A110
PDC w/a	RPP-WTP	K110
Proctor, M. w/a	RPP-WTP	M108
Rasmussen, JE w/a	DOE/ORP	H6-60
Savage, ED w/a	RPP-WTP	N118
Skurla, SJ w/a	ECOLOGY	B5-18

Attachment 1 to CCN 021147

PIT 30 AGGREGATE WASH DISCHARGE APPLICATION

APPLICATION FOR COVERAGE SAND AND GRAVEL GENERAL PERMIT

For the Discharge of Process Water, Stormwater or
Mine Dewatering Water Associated with Sand and Gravel Mining, Rock
Quarries and Similar Mining Operations, Including Stockpiles of
Mined Material, Concrete Batch Operations and Hot Mix Asphalt Operations
(DO NOT USE FOR COVERAGE OF PORTABLE OPERATIONS)

WASHINGTON STATE USE ONLY:

Permit Number	Ecology Region <input type="checkbox"/> <input type="checkbox"/>	W.R.I.A.	Date Received	Coverage Date
---------------	---	----------	---------------	---------------

I. PERMITTEE:

Business/Company Name Bechtel National, Inc.	Person Name: Ron Naventi
---	--------------------------

II. RESPONSIBLE PARTY MAILING AND CONTACT INFORMATION:

Name (primary mailing address) Bechtel National, Inc.	<input checked="" type="checkbox"/> Operator <input type="checkbox"/> Owner <input type="checkbox"/> Other	Name United States Dept. of Energy - Richland	<input type="checkbox"/> Operator <input checked="" type="checkbox"/> Owner
Mailing Address 3000 George Washington Way		Mailing Address P.O. Box 550	
City Richland	Zip + 4 99352	City Richland	Zip + 4 99352
Contact Person Ellery Savage	Phone No. 371-4862	Contact Person Mr. Jim Rasmussen	Phone No. 376-2247
UBI No. 600 363 205		UBI No. N/A	(KAC 8/2/01)

III. BILLING ADDRESS AND CONTACT INFORMATION:

Business/Company Name Bechtel National, Inc.	Contact Person
Mailing Address 3000 George Washington Way	Phone No.
City Richland	Site Identifier Pit # 30 KAC 8/2/01

IV. FACILITY/SITE LOCATION INFORMATION:

Business/Company Name Bechtel National, Inc.	Contact Person
Street Address 3000 George Washington Way	Phone No.
City Richland, WA 99352	County Benton
Legal description of site (use two of the following three):	
1. _____ 1/4 _____ 1/4; Section _____ Township _____ Range _____	
2. Latitude _____ 46° 34' 29" N _____ Longitude _____ 119° 33' 21" W _____ (Specify degrees, minutes, and seconds)	
3. <input checked="" type="checkbox"/> Map enclosed	

IV. FACILITY/SITE LOCATION INFORMATION (continued):

Directions to site from nearest Hwy or City/Town:

The gravel wash operation will be located in the quarry pit commonly referred to as Pit 30 just west of the 200 East Area on the DOE Hanford Site.

V. APPLICATION TYPE:

☒ New Permit

☒ New facility

☐ Active Site

☒ Site Permit (Important - see instructions)

Or

Or

☐ Asphalt Batch

☐ Concrete Batch

☐ Existing Facility

☒ Inactive Site

☒ Rock Crusher

☐ Other _____

☐ Permit Modification Permit Number WAG-50-_____ Reason for modification:

☐ Permit Renewal Permit Number WAG-50-_____

☐ Site Permit - ☐ Asphalt Batch

☐ Concrete Batch

☐ Rock Crusher

☐ Other _____

VI. FACILITY INFORMATION: (IMPORTANT: this includes all activities, current and planned, at the site)

Industrial activities covered by this application at this site:

- | | | | |
|--|---|--|---|
| 1. <input checked="" type="checkbox"/> Mining/Extraction | 5. <input type="checkbox"/> Concrete batch plant | 7. <input type="checkbox"/> Truck washout | 11. <input type="checkbox"/> Truck washing (exterior) |
| 2. <input checked="" type="checkbox"/> Crushing | 6. <input type="checkbox"/> Hot mix asphalt plant | 8. <input checked="" type="checkbox"/> Stockpile | |
| 3. <input checked="" type="checkbox"/> Screening | <input type="checkbox"/> Wet Scrubber | 9. <input type="checkbox"/> Blasting | |
| 4. <input checked="" type="checkbox"/> Washing | <input type="checkbox"/> Bag House | 10. <input type="checkbox"/> Other (specify) _____ | |

SIC Codes for the industrial activities described above:

- | | | | | |
|--|--|--|---|---|
| 1. <input type="checkbox"/> 0811 _____ | 4. <input type="checkbox"/> 1423 _____ | 7. <input type="checkbox"/> 1446 _____ | 10. <input type="checkbox"/> 1499 _____ | 13. <input type="checkbox"/> 3273 _____ |
| 2. <input type="checkbox"/> 1411 _____ | 5. <input type="checkbox"/> 1429 _____ | 8. <input type="checkbox"/> 1455 _____ | 11. <input type="checkbox"/> 2411 _____ | |
| 3. <input type="checkbox"/> 1422 _____ | 6. <input checked="" type="checkbox"/> 1442 P_____ | 9. <input type="checkbox"/> 1459 _____ | 12. <input type="checkbox"/> 2951 _____ | |

All industrial activities included within these SIC Codes at new facilities and those permit modifications that add new activities must have a completed SEPA review to be considered a complete application.

- Has SEPA review been completed for all SIC Codes? ☒ YES ☐ NO Date March 2001
- Lead agency issuing SEPA Determination: _____ Ecology _____
- SEPA Responsible Official: P. Dunigan Title: NEPA Compliance Officer
- Type of SEPA Determination: ☒ DNS ☐ DS ☐ Mitigated DNS

Is site within a *Critical Aquifer Recharge Area*? ☐ YES ☒ NO

Is site within a designated *Wellhead Protection Area*? ☐ YES ☒ NO

Is site within a *Sole Source Aquifer*? ☐ YES ☒ NO

VII. REGULATORY STATUS:

(check all that apply)

- ☐ NPDES Permit No. _____
- ☒ State Waste Discharge Permit No. ST 4508, ST 4509, ST 4510
- ☒ Air Notice of Construction, Permit or Order, Agency NOC Pending
- ☐ City or County Permit No. _____
- ☐ Dept. of Natural Resources Permit No. _____

VIII. WATER MANAGEMENT ON THIS SITE:

This permit is issued for discharges of stormwater, process water, or mine dewatering to ground water or surface water.

- ☐ There is **no discharge** of process water or mine dewatering water at this site. **All stormwater percolates directly to ground** and does not puddle or flow in a ditch to a collection basin, drywell, drainfield or infiltration pond. (Skip the rest of this section and go on to Section IX.)

OR

1. Accompanying this application, you must provide a sketch map of your site that identifies each point of discharge. Your monitoring plan and subsequent monitoring reports to Ecology must be based on the points of discharge shown on the map you send in.
2. If you discharge to a surface water body, you must also attach the following information:
 - ♦ An estimate of the minimum width, depth and velocity or flow of the receiving water.
 - ♦ For stormwater discharges: an estimate of the width, depth and velocity or flow of discharge that will occur as a result of a 24 hour rain event greater than 0.5 inches.
 - ♦ For process water: an estimate of the maximum width, depth and velocity or flow of discharge that will occur.
3. Identify the characteristics of each point of discharge below. Copy this page if necessary to identify additional discharge points.

Is Monitoring Plan Complete and Up-to-Date? ☐ YES ☒ NO

For each discharge point listed below, mark all boxes that apply to the discharge during any time of the year.

Discharge Point 1: Name (unique identifier) Pit 30 Aggregate Wash Discharge

Discharge includes: ☒ **Process Water**

SIC Code(s) 1442

☐ **Mine Dewatering Water**

SIC Code(s) _____

KAC 8/2/01
☒ **Stormwater**

Discharges to: ☐ **Storm Drain System** (stormwater only)

Name of system: _____

☒ **Ground**

☒ Unlined collection basin or infiltration pond

☐ Drywell or drainfield

☐ Other _____

☐ **Surface Water** (creek, river, ditch, lake, wetland, or other water body)

Name of receiving water: _____

Tributary to: _____

Discharge Point 2: Name (unique identifier) Stormwater to Ground (KAC 8/2/01)

Discharge includes: ☐ **Process Water**

SIC Code(s) _____

☐ **Mine Dewatering Water**

SIC Code(s) _____

☒ **Stormwater** *KAC 8/2/01*

Discharges to: ☐ **Storm Drain System** (stormwater only)

Name of system: _____

☒ **Ground**

☐ Unlined collection basin or infiltration pond

☐ Drywell or drainfield

☐ Other _____

☐ **Surface Water** (creek, river, ditch, lake, wetland, or other water body)

Name of receiving water: _____

Tributary to: _____

IX. BMPs EMPLOYED TO REDUCE POLLUTANTS IN STORMWATER OR PROCESS WATER DISCHARGES:

Indicate with the following:

S for stormwater **P** for process water **BS** for stormwater and process water

- a. _____ Oil/water separator b. _____ Management BMPs c. P Collection/routing of water
 d. B Spill prevention e. _____ Lined evaporation basins f. _____ Water recycling
 g. P Infiltration basins h. _____ Vegetation management i. S Containment
 j. _____ Detention facilities k. _____ Overhead coverage l. _____ Chemical Additives (attach MSDS)
 m. _____ Other (specify) _____

Is the Stormwater Pollution Prevention Plan Complete and Up-to-Date? ☒ YES ☐ NOIs the Erosion and Sediment Control Plan Complete and Up-to-Date? ☐ YES ☒ NOIs the Spill Plan Complete and Up-to-Date? ☐ YES ☒ NO**X. OPERATIONS AND PRODUCT(S) MINED OR PRODUCED EACH YEAR:**Does facility operate year round? ☒ YES ☐ NO

If no, indicate months of operation (circle all that apply): Jan Feb Mar Apr May Jun Jul Oct Nov Dec

Other periodic operation. Describe: _____

Indicate annual quantity of product produced using codes from the instructions for this section.

MINED PRODUCTSBATCH PLANTS

1. Sand _____ 4. Quarry rock _____ 6. Hot Mix Asphalt _____
 2. Sand & Gravel MF 5. Clay _____ 7. Concrete _____
 3. Other (specify material and amount) _____

XI. CERTIFICATION BY PERMITTEE:

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this application and all attachments and, based on my inquiry of those persons immediately responsible for obtaining the information contained in the application, I believe that the information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

R. F. Naventi

Printed Name of Person Signing Below

Project Manager and Sr. Vice President

Title

R. F. Naventi

Signature of Applicant

7/2/01

Date Applicant Signed

NOTE: Federal regulations require this application to be signed as follows: A.) For corporation, by a principal executive officer of at least the level of vice president; B.) For a partnership or sole proprietorship, by a general partner or the proprietor, respectively; or C.) For a municipality, State, Federal, or other public facility, by either a principal executive officer or ranking elected official.

Attachment 2 to CCN 021147

WTP BATCH PLANT DISCHARGE APPLICATION

APPLICATION FOR COVERAGE SAND AND GRAVEL GENERAL PERMIT

For the Discharge of Process Water, Stormwater or
Mine Dewatering Water Associated with Sand and Gravel Mining, Rock
Quarries and Similar Mining Operations, Including Stockpiles of
Mined Material, Concrete Batch Operations and Hot Mix Asphalt Operations
(DO NOT USE FOR COVERAGE OF PORTABLE OPERATIONS)

WASHINGTON STATE USE ONLY:

Permit Number	Ecology Region <input type="checkbox"/> <input type="checkbox"/>	W.R.I.A.	Date Received	Coverage Date
---------------	---	----------	---------------	---------------

I. PERMITTEE:

Business/Company Name U. S. Department of Energy-Office of River Protection	Person Name: Harry Boston
--	---------------------------

II. RESPONSIBLE PARTY MAILING AND CONTACT INFORMATION:

Name (primary mailing address) Bechtel National, Inc.	<input checked="" type="checkbox"/> Operator <input type="checkbox"/> Owner <input type="checkbox"/> Other	Name United States Dept. of Energy - Richland	<input type="checkbox"/> Operator <input checked="" type="checkbox"/> Owner
Mailing Address 3000 George Washington Way		Mailing Address P.O. Box 550	
City Richland	Zip + 4 99352	City Richland	Zip + 4 99352
Contact Person Ellery Savage	Phone No. 371-4862	Contact Person Jim Rasmussen	Phone No. 376-2247
UBI No. 300363 205		UBI No. N/A	(KAC 8/2/01)

III. BILLING ADDRESS AND CONTACT INFORMATION:

Business/Company Name Bechtel National, Inc.	Contact Person
Mailing Address 3000 George Washington Way	Phone No.
City Richland	Site Identifier Batch Plant (KAC 8/2/01)

IV. FACILITY/SITE LOCATION INFORMATION:

Business/Company Name Bechtel National, Inc.	Contact Person
Street Address 3000 George Washington Way	Phone No.
City Richland 99352	County
Legal description of site (use two of the following three): 1. _____ 1/4 _____ 1/4, Section _____ Township _____ Range _____ 2. Latitude _____ 46° 33' 4" N _____ Longitude _____ 119° 30' 9" W _____ (Specify degrees, minutes, and seconds) 3. <input checked="" type="checkbox"/> Map enclosed	

IV. FACILITY/SITE LOCATION INFORMATION (continued):

Directions to site from nearest Hwy or City/Town: The Concrete Batch Plant will be located on the River Protection Project-Waste Treatment Plant site just east of the 100 East Area on the DOE Hanford Site north of Richland, Washington.

V. APPLICATION TYPE:

☒ New Permit

☒ New facility

☐ Active Site

☒ Site Permit (Important - see instructions)

Or

Or

☐ Asphalt Batch

☒ Concrete Batch

☐ Existing Facility

☒ Inactive Site

☐ Rock Crusher

☐ Other _____

☐ Permit Modification Permit Number WAG-50-_____ Reason for modification: _____

☐ Permit Renewal Permit Number WAG-50-_____

☐ Site Permit - ☐ Asphalt Batch

☐ Concrete Batch

☐ Rock Crusher

☐ Other _____

VI. FACILITY INFORMATION: (IMPORTANT: this includes all activities, current and planned, at the site)

Industrial activities covered by this application at this site:

- | | | | |
|---|---|--|--|
| 1. <input type="checkbox"/> Mining/Extraction | 5. <input checked="" type="checkbox"/> Concrete batch plant | 7. <input checked="" type="checkbox"/> Truck washout | 11. <input checked="" type="checkbox"/> Truck washing (exterior) |
| 2. <input type="checkbox"/> Crushing | 6. <input type="checkbox"/> Hot mix asphalt plant | 8. <input checked="" type="checkbox"/> Stockpile | |
| 3. <input type="checkbox"/> Screening | <input type="checkbox"/> Wet Scrubber | 9. <input type="checkbox"/> Blasting | |
| 4. <input type="checkbox"/> Washing | <input type="checkbox"/> Bag House | 10. <input type="checkbox"/> Other (specify) _____ | |

SIC Codes for the industrial activities described above:

- | | | | | |
|--|--|--|---|---|
| 1. <input type="checkbox"/> 0811 _____ | 4. <input type="checkbox"/> 1423 _____ | 7. <input type="checkbox"/> 1446 _____ | 10. <input type="checkbox"/> 1499 _____ | 13. <input checked="" type="checkbox"/> 3273 <u>P</u> |
| 2. <input type="checkbox"/> 1411 _____ | 5. <input type="checkbox"/> 1429 _____ | 8. <input type="checkbox"/> 1455 _____ | 11. <input type="checkbox"/> 2411 _____ | |
| 3. <input type="checkbox"/> 1422 _____ | 6. <input type="checkbox"/> 1442 _____ | 9. <input type="checkbox"/> 1459 _____ | 12. <input type="checkbox"/> 2951 _____ | |

All industrial activities included within these SIC Codes at new facilities and those permit modifications that add new activities must have a completed SEPA review to be considered a complete application.

1. Has SEPA review been completed for all SIC Codes? ☒ YES ☐ NO Date March 2001
2. Lead agency issuing SEPA Determination: Ecology
3. SEPA Responsible Official: P. Dunigan Title: NEPA Compliance Officer
4. Type of SEPA Determination: ☒ DNS ☐ DS ☐ Mitigated DNS

Is site within a Critical Aquifer Recharge Area? ☐ YES ☒ NO

Is site within a designated Wellhead Protection Area? ☐ YES ☒ NO

Is site within a Sole Source Aquifer? ☐ YES ☒ NO

VII. REGULATORY STATUS:

(check all that apply)

1. ☐ NPDES Permit No. _____ 4. ☐ City or County Permit No. _____
2. ☒ State Waste Discharge Permit No. ST 4508, ST 4509, ST 4510 5. ☐ Dept. of Natural Resources Permit No. _____
3. ☒ Air Notice of Construction, Permit or Order, Agency NOC Pending

This permit is issued for discharges of stormwater, process water, or mine dewatering to ground water or surface water.

- ☐ There is **no discharge** of process water or mine dewatering water at this site. **All stormwater percolates directly to ground** and does not puddle or flow in a ditch to a collection basin, drywell, drainfield or infiltration pond. (Skip the rest of this section and go on to Section IX.)

OR

1. Accompanying this application, you must provide a sketch map of your site that identifies each point of discharge. Your monitoring plan and subsequent monitoring reports to Ecology must be based on the points of discharge shown on the map you send in.
2. If you discharge to a surface water body, you must also attach the following information:
 - ♦ An estimate of the minimum width, depth and velocity or flow of the receiving water.
 - ♦ For stormwater discharges: an estimate of the width, depth and velocity or flow of discharge that will occur as a result of a 24 hour rain event greater than 0.5 inches.
 - ♦ For process water: an estimate of the maximum width, depth and velocity or flow of discharge that will occur.
3. Identify the characteristics of each point of discharge below. Copy this page if necessary to identify additional discharge points.

Is Monitoring Plan Complete and Up-to-Date? ☐ YES ☒ NO

For each discharge point listed below, mark all boxes that apply to the discharge during **any time** of the year.

Discharge Point 1: Name (unique identifier) WTP Batch Plant Discharge

Discharge includes: ☒ **Process Water**

SIC Code(s) 3273

☐ **Mine Dewatering Water**

SIC Code(s) _____

☐ **Stormwater**

Discharges to:

☐ **Storm Drain System** (stormwater only)

Name of system: _____

☒ **Ground**

☐ Unlined collection basin or infiltration pond

☐ Drywell or drainfield

☒ Other Concrete retention pond

☐ **Surface Water** (creek, river, ditch, lake, wetland, or other water body)

Name of receiving water: _____

Tributary to: _____

Discharge Point 2: Name (unique identifier)

Stormwater to Ground

KAC 8/2/01

Discharge includes: ☐ **Process Water**

SIC Code(s) _____

☐ **Mine Dewatering Water**

SIC Code(s) _____

☒ **Stormwater** KAC 8/2/01

Discharges to:

☐ **Storm Drain System** (stormwater only)

Name of system: _____

☒ **Ground** KAC 8/2/01

☐ Unlined collection basin or infiltration pond

☐ Drywell or drainfield

☐ Other _____

☐ **Surface Water** (creek, river, ditch, lake, wetland, or other water body)

Name of receiving water: _____

Tributary to: _____

IX. BMPs EMPLOYED TO REDUCE POLLUTANTS IN STORMWATER OR PROCESS WATER DISCHARGES:

Indicate with the following:

S for stormwater P for process water B for stormwater and process water

- a. _____ Oil/water separator b. _____ Management BMPs c. _____ Collection/routing of water
 d. B Spill prevention e. P Lined evaporation basins f. S Water recycling
 g. _____ Infiltration basins h. _____ Vegetation management i. S Containment
 j. _____ Detention facilities k. _____ Overhead coverage l. _____ Chemical Additives (attach MSDS)
 m. _____ Other (specify) _____

Is the Stormwater Pollution Prevention Plan Complete and Up-to-Date? ☒ YES ☐ NOIs the Erosion and Sediment Control Plan Complete and Up-to-Date? ☐ YES ☒ NOIs the Spill Plan Complete and Up-to-Date? ☐ YES ☒ NO**X. OPERATIONS AND PRODUCT(S) MINED OR PRODUCED EACH YEAR:**Does facility operate year round? ☒ YES ☐ NO

If no, indicate months of operation (circle all that apply): Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec

Other periodic operation. Describe: _____

Indicate annual quantity of product produced using codes from the instructions for this section.

MINED PRODUCTSBATCH PLANTS

- | | | |
|--|----------------------|--------------------------|
| 1. Sand _____ | 4. Quarry rock _____ | 6. Hot Mix Asphalt _____ |
| 2. Sand & Gravel _____ | 5. Clay _____ | 7. Concrete CE |
| 3. Other (specify material and amount) _____ | | |

XI. CERTIFICATION BY PERMITTEE:

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this application and all attachments and, based on my inquiry of those persons immediately responsible for obtaining the information contained in the application, I believe that the information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

R. F. Naventi

Printed Name of Person Signing Below

Project MANAGER and Sr. Vice President

Title

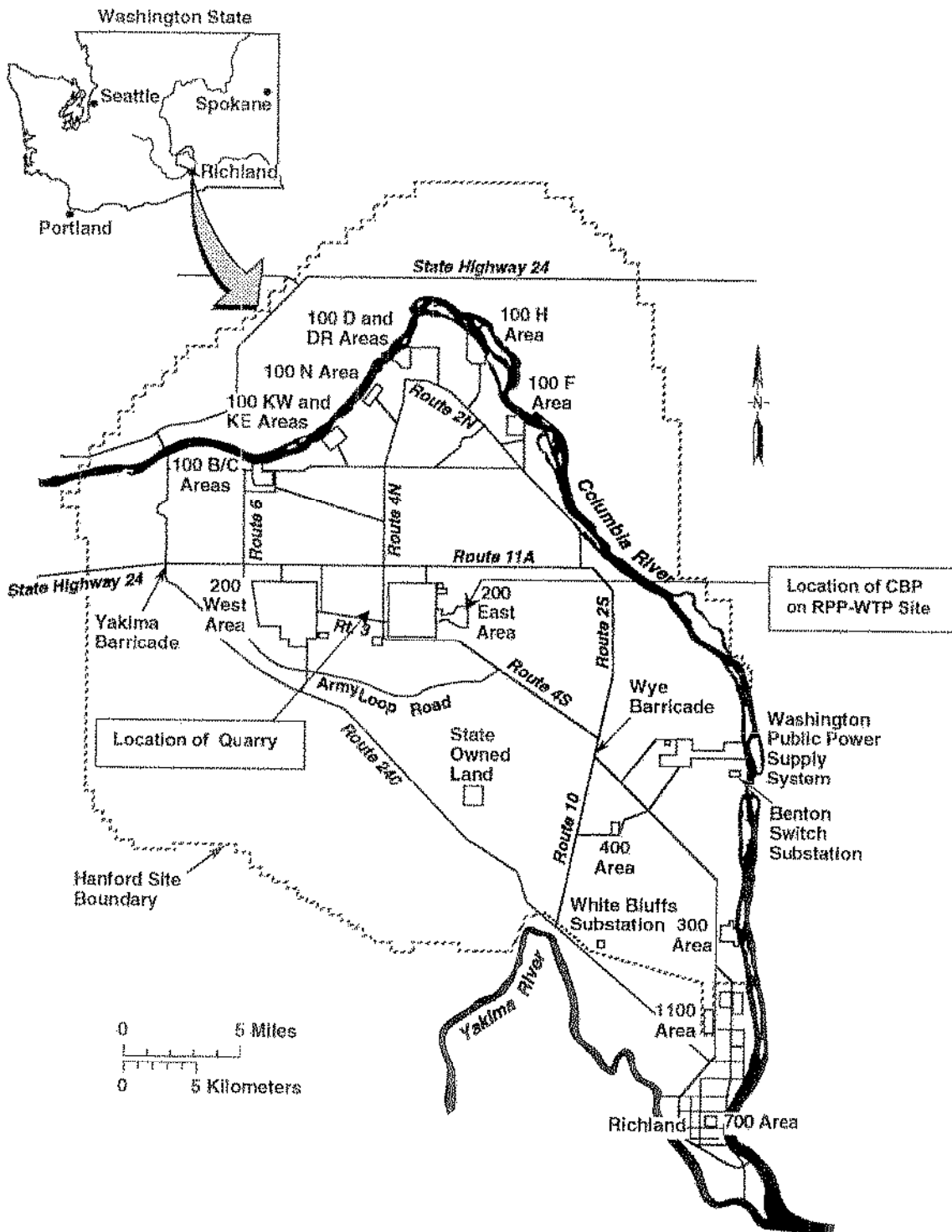
R. F. Naventi

Signature of Applicant

7/2/01

Date Applicant Signed

NOTE: Federal regulations require this application to be signed as follows: A.) For corporation, by a principal executive officer of at least the level of vice president; B.) For a partnership or sole proprietorship, by a general partner or the proprietor, respectively; or C.) For a municipality, State, Federal, or other public facility, by either a principal executive officer or ranking elected official.



1197040216.7